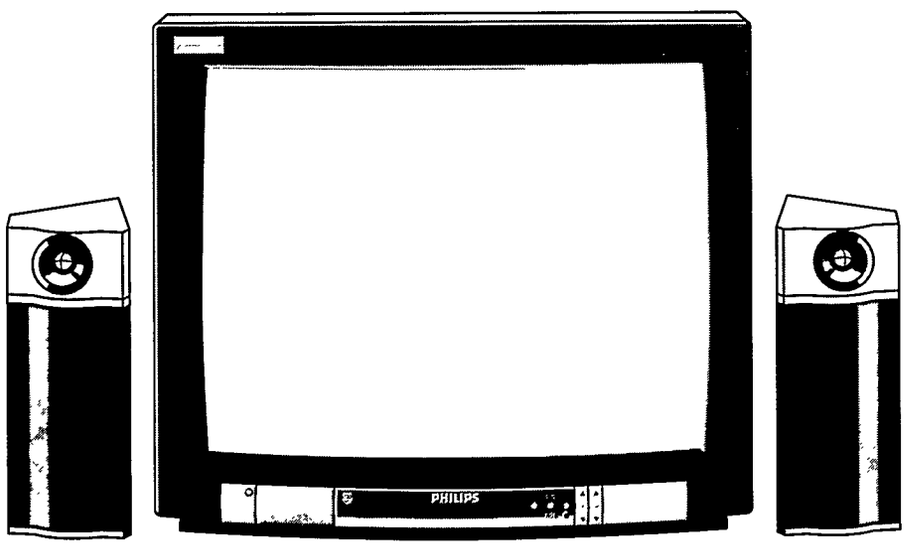
CONSUMER ELECTRONICS

PHILIPS

MATCH LINE



25DC2065 28DC2075

COLOUR TELEVISION
FARBFERNSEHER
TÉLÉVISEUR COULEUR
KLEURENTELEVISIE
TELEVISORE A COLORI

(GB) Table of TV frequencies
(D) Frequenztabelle der Fernsehsender
(F) Liste des fréquences des émetteurs
(NL) Frequentietabel TV-zenders
(I) Tabella delle frequenze delle trasmittenti

(GB) VHF BAND I (NL) VHF BAND I
(D) VHF BAND I (I) BANDA I VHF
(F) BANDE I VHF

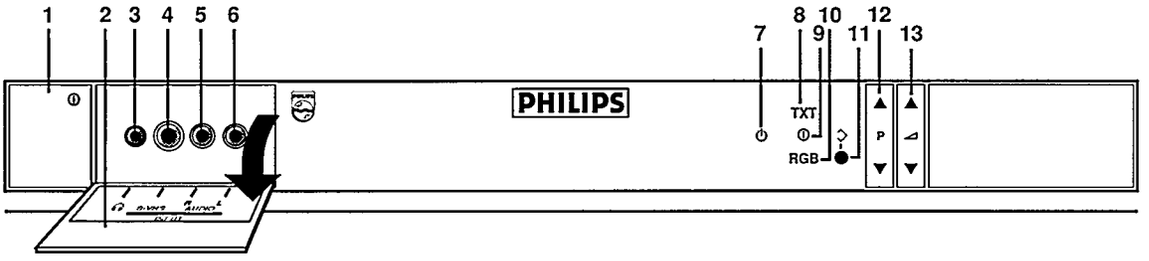
(GB) Channel (D) Kanal (F) Canal (NL) Kanaal (I) Canale	Frequency (MHz) Frequenz (MHz) Fréquence (MHz) Frequentie (MHz) Frequenza (MHz)
A	45.75
E2	48.25
2A	49.75
B	53.75
E3	55.25
2	55.75
3	60.50
C	61.75
E4	62.25
4	63.75

(GB) VHF BAND III (NL) VHF BAND III
(D) VHF BAND III (I) BANDA III VHF
(F) BANDE III VHF

(GB) Channel (D) Kanal (F) Canal (NL) Kanaal (I) Canale	Frequency (MHz) Frequenz (MHz) Fréquence (MHz) Frequentie (MHz) Frequenza (MHz)
S1	105.25
S2	112.25
S3	119.25
S4	126.25
C	128.75
S5	133.25
S6	140.25
D	140.75
S7	147.25
E	152.75
S8	154.25
S9	161.25
F	164.75
S10	168.25
D	175.25
E5	175.25
5	176.00
G	176.75
E6	182.25
E	183.25
6	184.00
H	188.75
E7	189.25
F	191.25
7	192.00
E8	196.25
G	199.25
8	200.00
I	200.75
E9	203.25
H	207.25
9	208.00
E10	210.25
J	212.75
I	215.25
10	216.00
E11	217.25
J	223.25
E1A2	224.25
K	224.75
S11	231.25
L	236.75
S12	238.25
S13	245.25
M	248.25
S14	252.25
S15	259.25
N	260.75
S16	266.25
0	272.75
S17	273.25
S18	280.25
P	284.75
S19	287.25
S20	294.25
Q	296.75

(GB) UHF BAND (NL) UHF BAND
(D) UHF BAND (I) BANDA UHF
(F) BANDE UHF

(GB) Channel (D) Kanal (F) Canal (NL) Kanaal (I) Canale	Frequency (MHz) Frequenz (MHz) Fréquence (MHz) Frequentie (MHz) Frequenza (MHz)
21	471.25
22	471.25
23	487.25
24	495.25
25	503.25
26	511.25
27	519.25
28	527.25
29	535.25
30	543.25
31	551.25
32	559.25
33	567.25
34	575.25
35	583.25
36	591.25
37	599.25
38	607.25
39	615.25
40	623.25
41	631.25
42	639.25
43	647.25
44	655.25
45	663.25
46	671.25
47	679.25
48	687.25
49	695.25
50	703.25
51	711.25
52	719.25
53	727.25
54	735.25
55	743.25
56	751.25
57	759.25
58	767.25
59	775.25
60	783.25
61	791.25
62	799.25
63	807.25
64	815.25
65	823.25
66	831.25
67	839.25
68	847.25
69	855.25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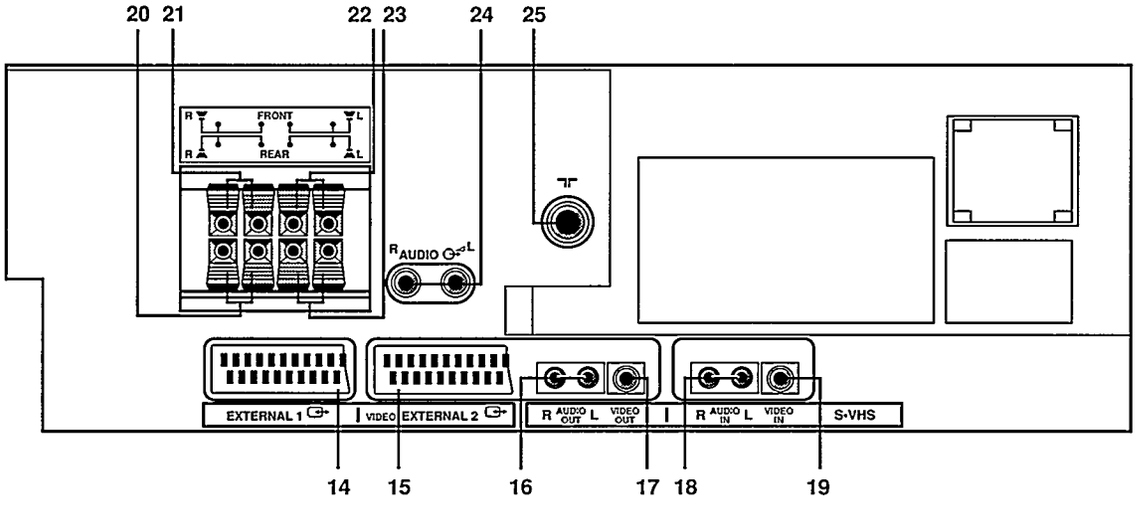
PHILIPS
TXT
RGB
P


20
21
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FRONT
REAR
AUDIO
EXTERNAL 1
VIDEO
EXTERNAL 2
AUDIO OUT
VIDEO OUT
AUDIO IN
VIDEO IN
S-VHS
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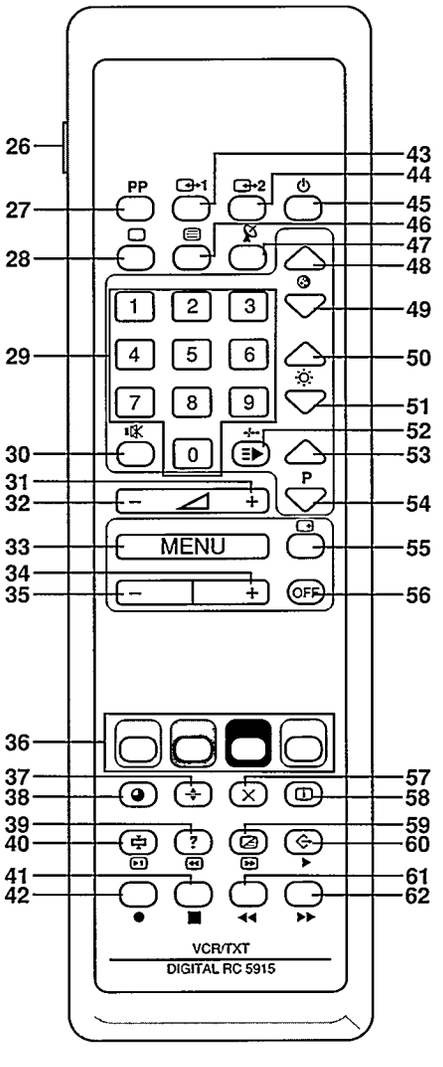
15
16
17
18
19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53
54
55
56
57
58
59
60
61
62
PP
MENU
OFF
P
VCR/TXT
DIGITAL RC 5915

(GB) Operating instructions

Attention!

- Always open this flap page first.

(D) Bedienungsanleitung

Achtung!

- Immer zuerst dieses Umschlagblatt öffnen.

(F) Mode d'emploi

Attention!

- Commencez toujours par ouvrir ce rabat.

(NL) Gebruiksaanwijzing

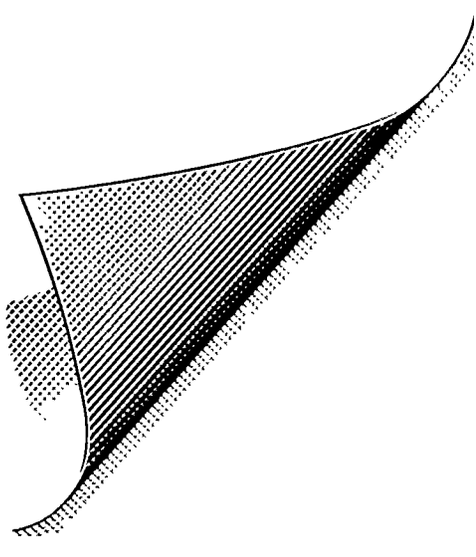
Attentie!

- Altijd eerst deze flap openslaan.

(I) Istruzioni per l'uso

Attenzione!

- Aprire sempre prima questa pagina pieghevoie.



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INTRODUCTION

1 English

How does a menu TV work?

This menu TV can be adjusted and operated very easily by means of menus which can be displayed on the screen. The menus can be displayed in 5 different languages (English, German, French, Italian and Dutch). In this English text of the operating instructions it is assumed that the English language has been selected.

There are 2 menus: the INSTALLATION menu and the MAIN MENU.

The INSTALLATION menu helps you to adjust the TV and to store TV stations.

On the remote control you will find the buttons which are used most frequently for operating the TV. The MAIN MENU also offers a choice of specific options, such as changing extra picture and sound settings or selecting special functions.

Below each menu you will find a 'help line' that tells you which buttons can or must be pressed.

Summary of controls and connections

Front

1	⏻	Switching the TV on/off
2	▼	Cover
3	🎧	Headphone input
4	S.VHS INPUT	Video input for Super-VHS video recorder (playback only)
5	R AUDIO INPUT	Right-hand audio input for Super-VHS video recorder (playback only)
6	AUDIO INPUT L	Left-hand audio input for Super-VHS video recorder (playback only)
7	⏻	Red LED : TV on standby
8	TXT	Green LED : Teletext switched on
9	⏻	Green LED : TV switched on
10	RGB	Red LED : EXT1 RGB switched on
11	◇	Displaying the INSTALLATION menu
12	P ▲/▼	Selecting higher/lower programme number
13	◿ ▲/▼	Increasing/decreasing the volume

Rear

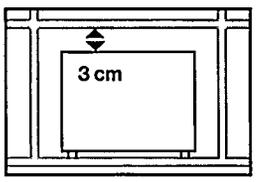
14	EXTERNAL 1 ⇨	Euroconnector for Camcorder, CDV player or computer
15	VIDEO EXTERNAL 2 ⇨	Euroconnector for video recorder
16	R AUDIO OUT L	Left-hand/Right-hand audio output for Super-VHS video recorder (recording)
17	VIDEO OUT	Video output for Super-VHS video recorder (recording)
18	R AUDIO IN L	Right-hand/Left-hand audio input for Super-VHS video recorder (playback)
19	VIDEO IN	Video input for Super-VHS video recorder (playback)
20	R REAR	Connections for rear right-hand loudspeaker
21	R FRONT	Connections for front right-hand loudspeaker
22	FRONT L	Connections for front left-hand loudspeaker
23	REAR L	Connections for rear left-hand loudspeaker
24	R AUDIO ◿ L	Right-hand/Left-hand variable output for audio equipment
25		Aerial input

Remote control

26		Video recorder function button
27	PP	Recalling standard picture and sound settings
28	▭	Switching back to TV programme
29	0-9	Digit buttons
30	🔇	Muting the sound
31	+ ◿	Turning up the volume
32	— ◿	Turning down the volume
33	MENU	Switching on MAIN MENU or returning to previous menu
34	+	Changing the settings in menus
35	—	Changing the settings in menus
36		'Fastext' selection buttons (Teletext)
37	⇳	Double letter height for Teletext page
38	◕	Displaying the time
39	?	• Displaying concealed Teletext information
	⏪	• Picture search reverse of video tape *
40	⇳	• Stopping rolling Teletext pages
	⏯	• Picture-by-picture playback of video tape *
41	■	Stopping the video tape *
42	●	Recording on the video tape *
43	⇨1	Displaying pictures from equipment connected via EXTERNAL 1
44	⇨2	Displaying pictures from equipment connected via EXTERNAL 2
45	⏻	Switching on Standby
46	▤	Switching Teletext on/off
47		This button has no function
48	◔ △	Increasing the colour saturation
49	◔ ▽	Decreasing the colour saturation
50	☼ △	Increasing the brightness
51	☼ ▽	Decreasing the brightness
52	-/--	• Selector button for 1- or 2-digit programme numbers
	⇶	• Displaying the next Teletext page
53	P△	Higher programme numbers
54	P▽	Lower programme numbers
55	⇨	Displaying programme number, programme name and sleeptimer, if required
56	OFF	Switching off menus
57	✕	Switching off Teletext temporarily
58	ⓘ	Selecting the Teletext index page directly
59	◪	• Teletext and TV programme simultaneously
	⏩	• Picture search forward (video tape) *
60	⇳	• Erasing lines or displaying personal preference pages from the Memory Index
	▶	• Playing the video tape *
61	◀◀	Rewinding the video tape *
62	▶▶	Winding the video tape *

* Press this button and button (26) simultaneously for video recorder operation.

Preparation

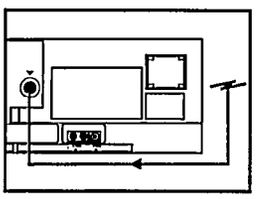


- Unpack TV and remote control.
- Place TV on a solid surface.
- Leave a space of no less than 3 cm all round the set for ventilation.

This TV is suitable for a mains voltage of 220-240V, 50 Hz.

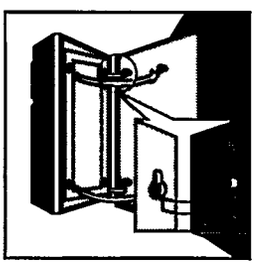
Connecting the TV

Connecting the aerial



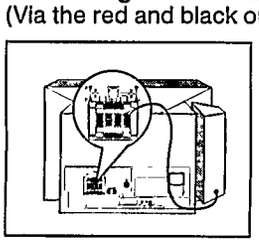
- Insert the aerial plug into ⊤ on the back panel of the TV.

Attaching the loudspeakers



- Attach the 2 loudspeakers supplied with the set to the left- and right-hand side of the TV (see illustration) or **put** them **down** on a required spot.

Connecting the front left-hand loudspeaker:
(Via the red and black outputs FRONT ▼ **L** top right)



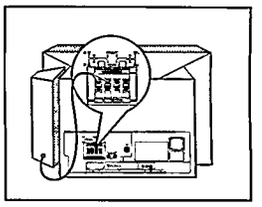
① Keep the red, ribbed key pressed and insert the red wire in the opening below the key.

② Release the red key to fix the wire.

③ Keep the black, ribbed key next to it pressed and insert the black wire in the opening below the key.

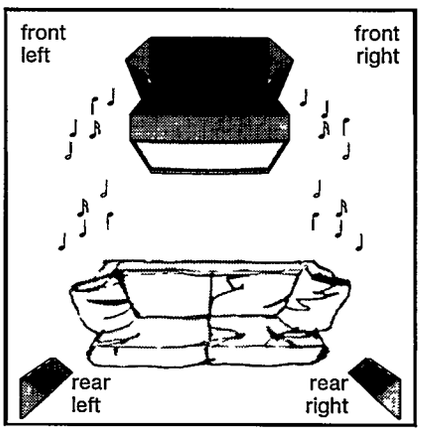
④ Release the black key to fix the wire.

Connecting the front right-hand loudspeaker:
(Via the red and black outputs **R** ▼ FRONT top left)

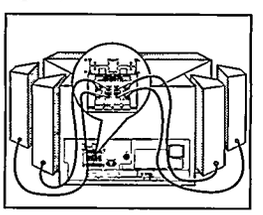


- To connect the right-hand loudspeaker, repeat steps ① to ④ above.

To create a surround sound effect, you can connect two additional **8-ohm** loudspeakers (optional). See Chapter 3 - 'Changing SOUND settings via the menus'.

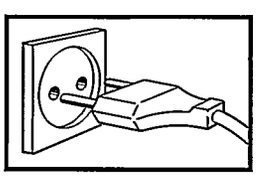


Connecting the rear left-hand and rear right-hand loudspeakers:
(Via the red and black outputs **R** ▲ REAR ▲ **L** bottom left and right.)



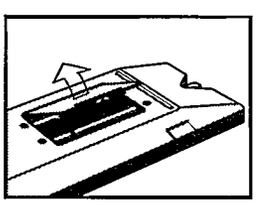
- Repeat the steps above.

Connecting the TV to the mains



- Put the mains plug in the wall socket.

Inserting batteries in the remote control

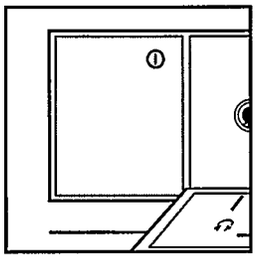


- Remove the lid of the battery compartment on the back of the remote control.
- Insert the 3 batteries (type LR03 - 1.5 V) supplied.
- Replace the lid on the battery compartment.

ADJUSTING THE TV

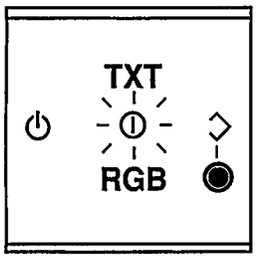
2

Switching on



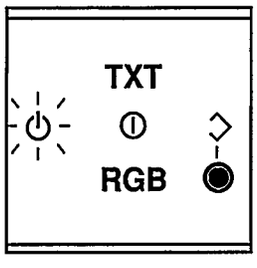
- Press ⏻.

> A green or red LED lights up.



> If the green LED ⏻ and the screen light up, the TV is switched on.

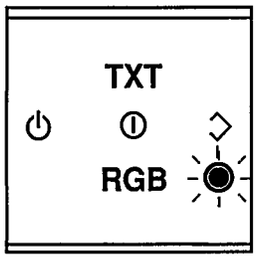
The red LED ⏻ lights up and the screen remains dark?



> The TV is on standby.

- Press a digit button or ▢ or P △ or ▽ (on the remote control), or press P ▲ or ▼ (on the TV) to switch on the TV.

Displaying the INSTALLATION menu

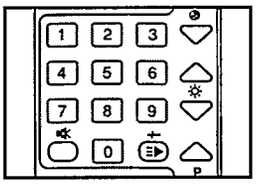


- Press ◇ (on the TV).

> The 'Language selection' menu appears.

```
LANGUAGE SELECTION
1 ENGLISH
2 DEUTSCH
3 FRANCAIS
4 ITALIANO
5 NEDERLANDS
select: 1-5          stop: off
```

When the indication 'Parental mode ON' appears in red, you should first switch the lock off as described at the end of the chapter entitled 'Operating the TV'.

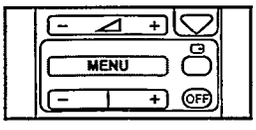


- Select the desired language with the digit buttons (e.g. 1 for English).

> The INSTALLATION menu appears.

```
INSTALLATION
1 PROGRAMMES
2 A/V CONNECTIONS
3 TXT PAGE NUMBERS
4 STORE PERSONAL PREFERENCE
select: 1-4   back: menu   stop: off
```

Have you selected the wrong language by mistake?



- Press MENU (on the remote control) to return to the language selection menu.
- Select the digit for PROGRAMMES.

> The submenu appears.

```
PR  1 BBC 1
511 MHz
PAL/SECAM BG
MONO
```

```
PROGRAMMES
1 AUTOMATIC
2 FREQUENCY
3 MANUAL
select: 1-3   back: menu   stop: off
```

> In the top right-hand corner of the screen the following information appears:

① a programme number (e.g. PR 1)

② possibly a programme name (e.g. BBC 1)

③ a frequency (e.g. 511 MHz)

④ the TV system (e.g. PAL/SECAM BG)

⑤ possibly the sound system (e.g. MONO).

This multi-standard TV set is suitable for the reception of the following TV systems:

PAL/SECAM BG = European stations
SECAM L = French stations
NTSC = American stations

An incorrect TV system is displayed

- You have to change the TV system **before** storing TV stations (see 'Changing the TV system' below).

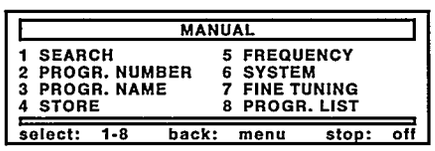
The correct TV system is displayed

- Continue with 'Storing TV stations'.

Changing the TV system (if necessary)

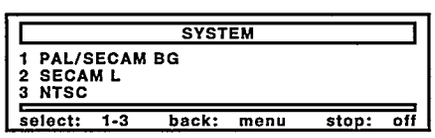
- Select the digit for MANUAL.

> The submenu appears.



- Select the digit for SYSTEM.

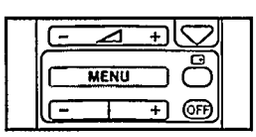
> The submenu appears.



- Select the desired digit for:
- the European PAL/SECAM BG system;
- the French SECAM L system;
- the American NTSC system.

In order to store TV stations, you should first return to the PROGRAMMES menu.

Recalling the PROGRAMMES menu



- Press MENU until the menu appears again.

Storing TV stations

To be able to watch the programmes transmitted by TV stations, you should first store them in the memory under a programme (preselection) number.

This can be done in 4 ways:

Method 1. Searching for and storing TV stations AUTOMATICALLY (if you don't know the frequency of the TV station)

or

Method 2. Selecting the FREQUENCY (MHz) of the TV station and storing the stations automatically (see also the frequency table at the beginning of the operating instructions)

or

Method 3. Searching for and storing TV stations MANUALLY

or

Method 4. Selecting frequencies and storing TV stations MANUALLY

The complete procedures are described below.

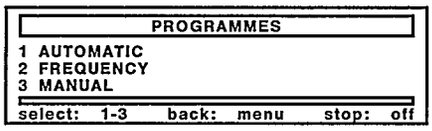
Once the TV stations have been stored, you can recall them by selecting the corresponding programme numbers.

Altogether, 60 TV stations can be stored under a programme number (0-59).

If you also wish to connect a video recorder (see Section 5), we advise you to store the video recorder signal under the programme numbers 0 or 50 to 59.

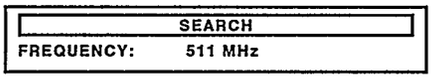
Method 1. Searching for and storing TV stations AUTOMATICALLY

(The PROGRAMMES menu must be on the screen)

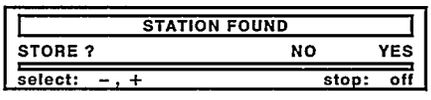


Now follow steps ① to ⑥.

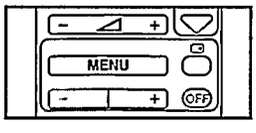
① Select the digit for AUTOMATIC to start searching.



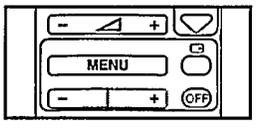
> When a TV station has been found, the STATION FOUND menu will appear.



If only the test picture of the TV station appears, it is possible that the menu covers the name of the station. To check which station has been found you can switch off the menu temporarily by pressing ⊡.

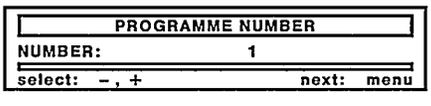


②a Select NO using — if the wrong station has been found or when reception is poor.
> The TV continues searching automatically.



②b Select YES using + when the correct station has been found.

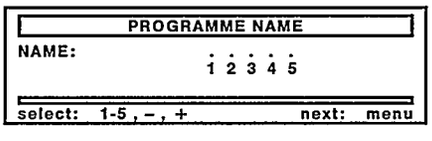
> The PROGRAMME NUMBER menu appears.



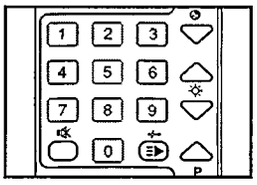
③ Press — or + to select the programme number (0 to 59) under which you want to store the TV station.

Has the correct number been selected?

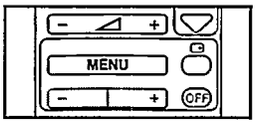
④ Press MENU.
> The PROGRAMME NAME menu appears on the screen.



The stations found can be named (5 characters max.). However, this is only possible for programme numbers 0 to 30.
If you select a programme number higher than 30, PR 0 .. 30 *flashes in the menu. In that case proceed with step ⑥.*

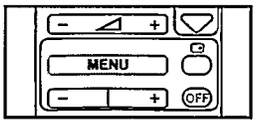


⑤ Press 1 to select the first character.
> An arrow indicates the 1st position.



- Press — or + to select the desired character or a space (the space is after the Z or before the 0).
- Press 2, 3, 4 and 5 and use — or + again for the 2nd, 3rd, 4th and 5th characters.

Has the correct name been selected?



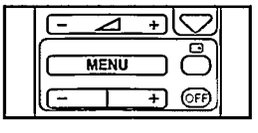
⑥ Press MENU.
> The station is automatically stored in the memory and the TV goes on searching for the next station.

Storing further stations

- Repeat steps ② to ⑥.

Read 'Special functions - Displaying the programme list' (at the end of this chapter) to find out how to check what TV stations have already been stored.

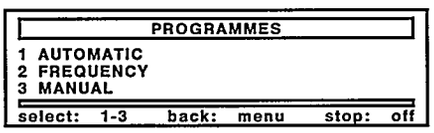
If you don't want to store any more stations
(Switching off menus)



- Press OFF as many times as necessary until the menus disappear.

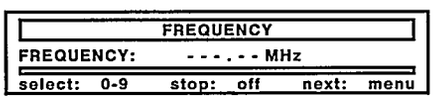
Method 2. Selecting and storing TV stations directly

TV stations transmit their programmes on a specific frequency (MHz).
You can ask your dealer for a frequency chart.
(The PROGRAMMES menu must be displayed on the screen.)

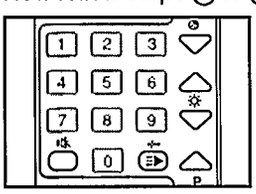


- Select the digit for FREQUENCY.

> The submenu appears.



Now follow steps ① to ⑥.



① Use the digit buttons to select the first 5 digits of the desired frequency (e.g. 51125 or 06225).

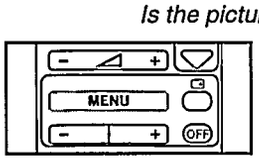
For frequencies under 100 MHz, first enter a '0'.

> One or more bars after the first digit indicate that the selection is not yet complete.

Is the picture quality poor?

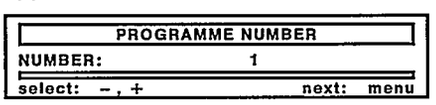
- Select another frequency.

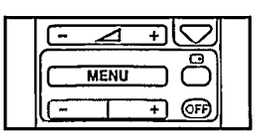
Is the picture quality good?



② Press MENU.

> The PROGRAMME NUMBER menu appears.

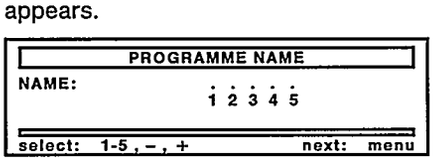




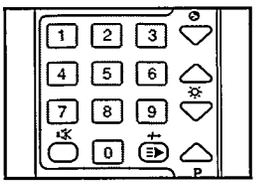
③ Use — or + to select the programme number (0 to 59) under which you want to store the TV station.

Has the correct number been selected?

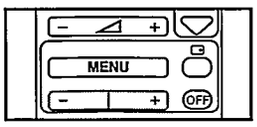
④ Press MENU.
> The PROGRAMME NAME menu appears.



The stations can be named (5 characters max.). However, this is only possible for programme numbers 0 to 30.
If you select a programme number higher than 30, PR 0 .. 30 *flashes in the menu. In that case proceed with step* ⑥.

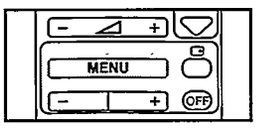


⑤ Press 1 to select the first character.
> An arrow indicates the 1st position.



- Use — or + to select the desired character or a space (the space is after the Z or before the 0).
- Press 2, 3, 4 and 5 and use — or + again for the 2nd, 3rd, 4th and 5th characters.

Has the correct name been selected?



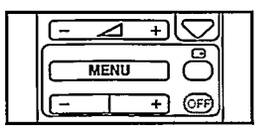
⑥ Press MENU.
> The station is automatically stored and the FREQUENCY menu appears again.

Storing further stations

- Repeat steps ① to ⑥.

Read 'Special functions - Displaying the programme list' (at the end of this chapter) to find out how to check what TV stations have already been stored.

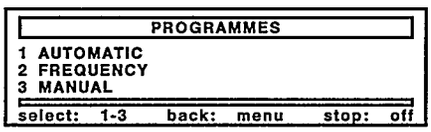
If you don't want to store any more stations
(Switching off menus)



- Press OFF as many times as necessary until the menus disappear.

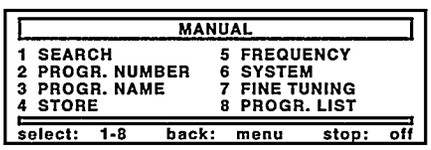
Method 3. Searching for and storing TV stations MANUALLY

(The PROGRAMMES menu must be displayed on the screen.)



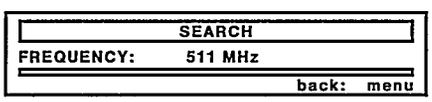
- Select the digit for MANUAL.

> The submenu appears.



Now follow steps ① to ⑥.

① Select the digit for SEARCH.
> The TV starts to search for a TV station.



> As soon as a station has been found, the pictures and the MANUAL menu appear.

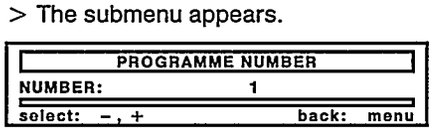
If only the test picture of the TV station appears, it is possible that the menu covers the name of the station. To check which station has been found you can switch off the menu temporarily by pressing ⊡.

Is it not the desired station or is the reception poor?

- Select the digit for SEARCH again.

Has the correct station been found?

② Select the digit for PROGR. NUMBER.
> The submenu appears.

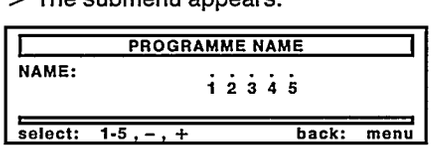


- Use — or + to select the programme number (0 to 59) under which you want to store the TV station.

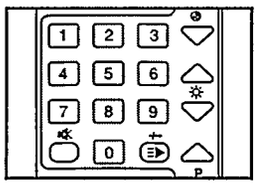
Has the correct programme number been selected?

③ Press MENU.
> The MANUAL menu appears again.

④ Select the digit for PROGR. NAME.
> The submenu appears.

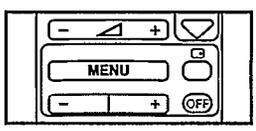


The stations found can be named (5 characters max.). However, this is only possible for programme numbers 0 to 30.
If you select a programme number higher than 30, PR 0 .. 30 *flashes in the menu. In that case proceed with step* ⑤.



- Press 1 to select the first character.

> An arrow indicates the 1st position.



- Use — or + to select the desired character or space (the space is after the Z or before the 0).
- Press 2, 3, 4 and 5 and use — or + again for the 2nd, 3rd, 4th and 5th characters.

Has the correct name been selected?

⑤ Press MENU.
> The MANUAL menu appears again.

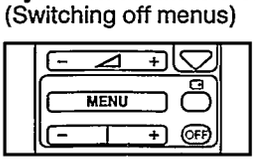
⑥ Select the digit for STORE.
> The station is stored in the memory and the MANUAL menu appears again.

Storing further stations

- Repeat steps ① to ⑥.

Read 'Special functions - Displaying the programme list' (at the end of this chapter) to find out how to check what TV stations have already been stored.

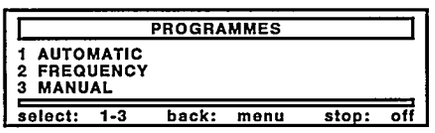
If you don't want to store any more stations
(Switching off menus)



- Press OFF as many times as necessary until the menus disappear.

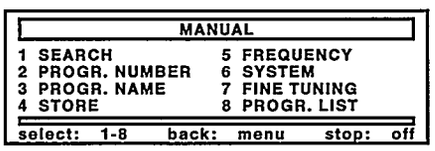
Method 4. Selecting frequencies and storing TV stations MANUALLY

(The PROGRAMMES menu must be displayed on the screen.)



- Select the digit for MANUAL.

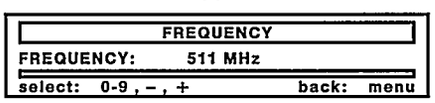
> The submenu appears.

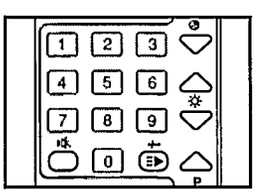


Now follow steps ① to ⑧.

① Select the digit for FREQUENCY.

> The submenu appears.





② Use the digit buttons to select the first 3 digits of the desired frequency (e.g. 511 or 062).

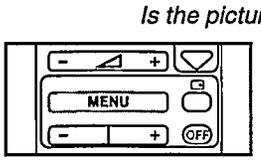
For frequencies below 100 MHz, first enter a '0'.

> One or more bars after the first digit indicate that the selection is not yet complete.

Is the picture quality poor?

- Select another frequency.

Is the picture quality good?

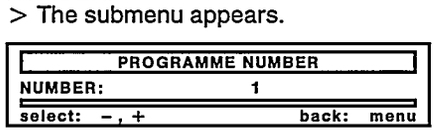


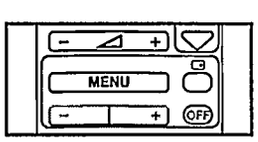
③ Press MENU.

> The MANUAL menu appears again.

④ Select the digit for PROGR. NUMBER.

> The submenu appears.





- Use — or + to select the programme number (0 to 59) under which you want to store the TV station.

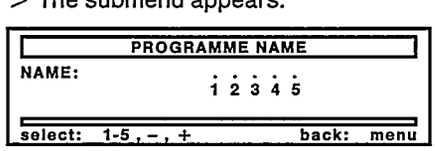
Has the correct programme number been selected?

⑤ Press MENU.

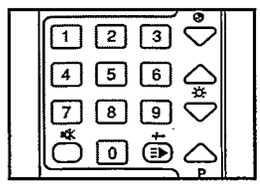
> The MANUAL menu appears again.

⑥ Select the digit for PROGR. NAME.

> The submenu appears.

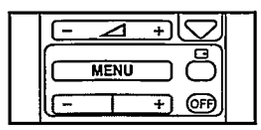


The stations found can be named (5 characters max.). However, this is only possible for programme numbers 0 to 30.
If you select a programme number higher than 30, PR 0 .. 30 *flashes in the menu. In that case proceed with step* ⑦.



- Press 1 to select the first character.

> An arrow indicates the 1st position.



- Use — or + to select the desired character or a space (the space is after the Z or before the 0).
- Press 2, 3, 4 and 5 and use — or + again for the 2nd, 3rd, 4th and 5th characters.

Has the correct name been selected?

⑦ Press MENU.

> The MANUAL menu appears again.

⑧ Select the digit for STORE.

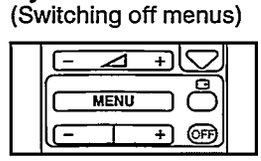
> The station is now stored in the memory and the MANUAL menu appears again.

Storing further stations

- Repeat steps ① to ⑧.

Read 'Special functions - Displaying the programme list' (at the end of this chapter) to find out how to check what TV stations have already been stored.

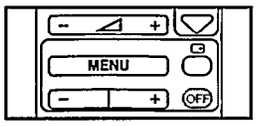
If you don't want to store any more stations
(Switching off menus)



- Press OFF as many times as necessary until the menus disappear.

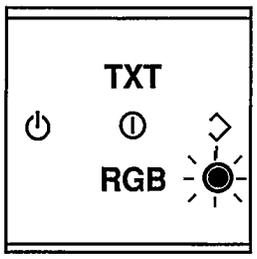
Special functions

a. Fine tuning of TV stations (if necessary)
The reception quality of TV stations already stored can be improved if it is not optimal due to local circumstances.



- If necessary, press OFF as many times as required to switch off the menus temporarily.

- Select the programme number of the TV station stored.



- Press ◇ (on the TV).

> The language selection menu appears.

LANGUAGE SELECTION	
1 ENGLISH	
2 DEUTSCH	
3 FRANCAIS	
4 ITALIANO	
5 NEDERLANDS	
select: 1-5	stop: off

- Select the desired language again.
> The INSTALLATION menu appears.

INSTALLATION		
1 PROGRAMMES		
2 A/V CONNECTIONS		
3 TXT PAGE NUMBERS		
4 STORE PERSONAL PREFERENCE		
select: 1-4	back: menu	stop: off

- Select the digit for PROGRAMMES.
> The submenu appears.

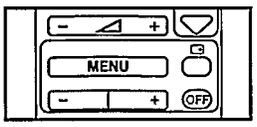
PROGRAMMES		
1 AUTOMATIC		
2 FREQUENCY		
3 MANUAL		
select: 1-3	back: menu	stop: off

- Select the digit for MANUAL.
> The submenu appears.

MANUAL		
1 SEARCH	5 FREQUENCY	
2 PROGR. NUMBER	6 SYSTEM	
3 PROGR. NAME	7 FINE TUNING	
4 STORE	8 PROGR. LIST	
select: 1-8	back: menu	stop: off

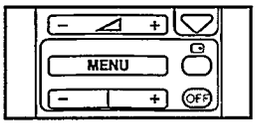
- Select the digit for FINE TUNING.
> The submenu appears.

FINE TUNING	
FREQUENCY:	511.0000 MHz
select: –, +	back: menu



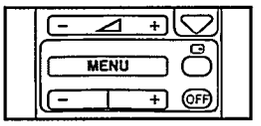
- Press — or + to improve the reception, if possible.
> When this button is pressed, the last 4 digits of the frequency will change.

If the reception cannot be improved



- Press OFF as many times as necessary to switch off the menus.

Do you want to store the changed setting?

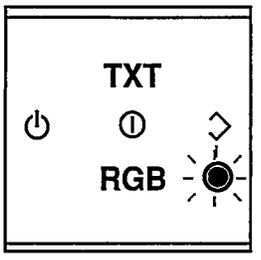


- Press MENU.
> The MANUAL menu appears again.

- Select the digit for STORE.
> The TV station is stored again.

- Press OFF as many times as necessary to switch off the menus.

b. Displaying the programme list
To check what stations have already been stored, you can display a programme list containing the programme numbers and the names of all stored TV stations.
(Only the first 30 TV stations stored appear in the list.)



- Press ◇ (on the TV), if necessary.

> The language selection menu appears.

LANGUAGE SELECTION	
1 ENGLISH	
2 DEUTSCH	
3 FRANCAIS	
4 ITALIANO	
5 NEDERLANDS	
select: 1-5	stop: off

- Select the desired language again.
> The INSTALLATION menu appears.

INSTALLATION		
1 PROGRAMMES		
2 A/V CONNECTIONS		
3 TXT PAGE NUMBERS		
4 STORE PERSONAL PREFERENCE		
select: 1-4	back: menu	stop: off

- Select the digit for PROGRAMMES.
> The submenu appears.

PROGRAMMES		
1 AUTOMATIC		
2 FREQUENCY		
3 MANUAL		
select: 1-3	back: menu	stop: off

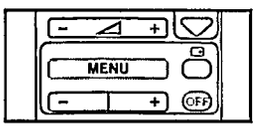
- Select the digit for MANUAL.
> The submenu appears.

MANUAL		
1 SEARCH	5 FREQUENCY	
2 PROGR. NUMBER	6 SYSTEM	
3 PROGR. NAME	7 FINE TUNING	
4 STORE	8 PROGR. LIST	
select: 1-8	back: menu	stop: off

- Select the digit for PROGR. LIST.
> The programme list appears.

PROGRAMME LIST		
NR NAME	NR NAME	NR NAME
0 VIDEO	12	24 ....
1 BBC 1	13	25 ....
2 BBC 2	14	26 ....
3	15	27 ....
4	16	28 ....
5	17	29 ....
6	18	30 ....
7	19	
8	20	
9	21	EXT1 ....
10	22	EXT2 ....
11	23	EXT3 SVHS

back: menu stop: off

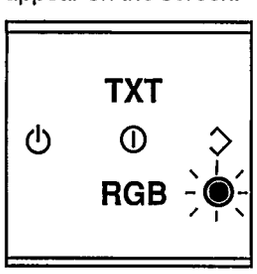


- Press MENU to return to the MANUAL menu or press OFF to switch off the menus.

c. Storing name and TV system for connected equipment
Equipment connected can be named and the TV system of that equipment can be stored.

Connected via:	Example of name:	Indication on screen:
EXTERNAL 1	'CAM' for Camcorder 'CDV' for CDV player	EXT1 EXT1
VIDEO EXTERNAL 2	'VIDEO' for video recorder	EXT2
S.VHS AUDIO/VIDEO IN/OUT (rear of TV)	'SVHS' for Super-VHS video recorder	EXT2
S.VHS/R and L AUDIO INPUT (front of TV)	'SVHS' for Super-VHS video recorder	EXT3

As soon as you use the connected equipment, the indication EXT1, EXT2 or EXT3, and eventually the stored name, will briefly appear on the screen.



- If necessary, press ◇ (on the TV).

> The language selection menu appears.

LANGUAGE SELECTION
1 ENGLISH
2 DEUTSCH
3 FRANCAIS
4 ITALIANO
5 NEDERLANDS
select: 1-5 stop: off

- Select the desired language again.
> The INSTALLATION menu appears.

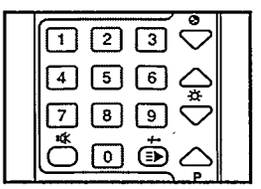
INSTALLATION
1 PROGRAMMES
2 A/V CONNECTIONS
3 TXT PAGE NUMBERS
4 STORE PERSONAL PREFERENCE
select: 1-4 back: menu stop: off

- Select the digit for A/V CONNECTIONS.
> The submenu appears.

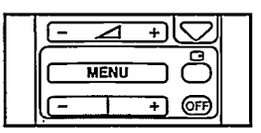
A/V CONNECTIONS
1 EXT 1
2 EXT 2
3 EXT 3
4 STORE
select: 1-4 back: menu stop: off

- Select the digit for EXT1, EXT2 or EXT3.
> The submenu for EXT1, EXT2 or EXT3 appears.

EXT 1
NAME: 1 2 3 4 5
6 PAL/SECAM
7 NTSC
select: 1-7 , – , + back: menu



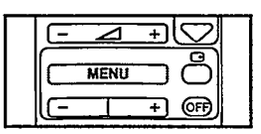
- Press digit button 1 and select the first character of the name with — or +.



- Press 2, 3, 4 and 5 and use — or + again for the 2nd, 3rd, 4th and 5th characters.

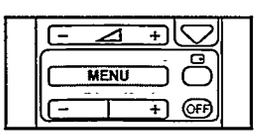
- Select, if necessary, the digit (6 or 7) for the desired TV system.

Have the correct name and the correct system been selected?



- Press MENU.
> The A/V CONNECTIONS menu appears again.

- Select the digit for STORE.
> Name and TV system are now stored in the memory. You will see the programme list appear briefly, with the name stored in the bottom right-hand corner.



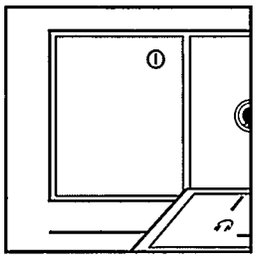
- Press MENU to return to the INSTALLATION menu or press OFF to switch off the menus.

OPERATING THE TV

3

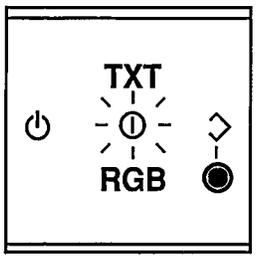
Switching on and off

Switching on



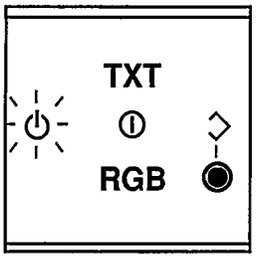
- Press ⏻.

> A green or red LED lights up.



> If the green LED ⏻ and the screen light up, the TV is switched on.

The red LED ⏻ lights up and the screen remains dark?



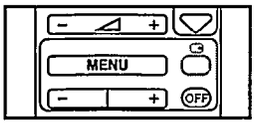
> The TV is on standby.

- Press a digit button or ▭ or P △ or ▽ (on the remote control), or press P ▲ or ▼ (on the TV) to switch on the TV.

Switching off

- Press ⏻ again.

Selecting programme numbers (TV stations)



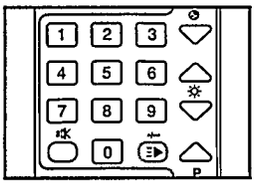
If necessary, press ⊡ to check what programme number you are watching at the moment. The number stays on the screen until you press ⊡ again.

1. Selecting TV stations via the remote control

Programme numbers 0-9:

- When PR 0 to PR 9 appears, you can select the numbers 0-9 directly.

Does PR 10 to PR 59 appear?

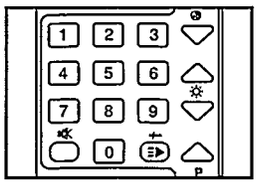


- Press -/-- until **PR -** appears and then select the desired number.

Programme numbers 10-59:

- When PR 10 to PR 59 appears, you can select the numbers 10 to 59 directly.

Does PR 1 to PR 9 appear?



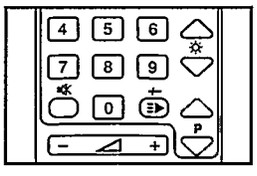
- Press -/-- until **PR --** appears and then select the desired number.

After a programme number has been selected, the selected programme number and possibly the programmed station name will appear for approximately 3 seconds.
One of the following sound systems* may also appear.

— STEREO in white : stereo is on
— STEREO in red : stereo is off
— DUAL I or II : programme is transmitted in 2 languages
— DIGITAL AVAILABLE : digital sound can be switched on (only in the Scandinavian countries).

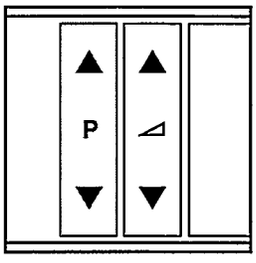
* For more information, see 'Changing SOUND settings by means of menus' in this chapter.

Quickly running through TV stations



- Press P▽ or P△ repeatedly.

2. Selecting TV stations with the buttons on the TV



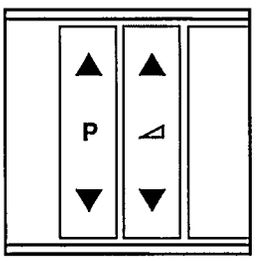
- Press P ▲ or ▼ (or keep the buttons pressed) for higher or lower programme numbers.

If 'Parental mode ON' appears in red, you should first switch off the lock as described at the end of this chapter.

Changing the standard picture and sound settings temporarily

Picture and sound have been set according to a specific standard. You can change these settings according to your **personal preference**, irrespective of the TV station you are watching. However, the standard settings will be saved.

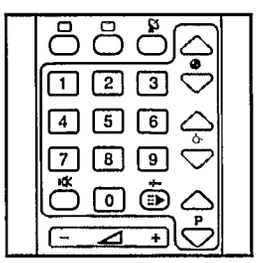
1. Changing the volume with the buttons on the TV



- Press ◿ ▲ or ▼.

If 'Parental mode ON' appears in red, you should first switch off this lock as described at the end of this chapter.

2. Changing the settings with the buttons on the remote control

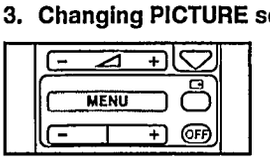


Volume
- Press ◿ — or +.

Colour
- Press ◍ △ or ▽.

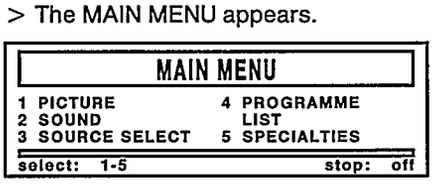
Brightness
- Press ☼ △ or ▽.

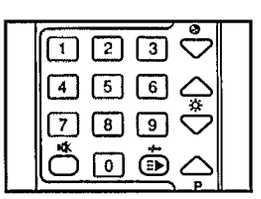
3. Changing PICTURE settings via the menus



- Press MENU (on the remote control).

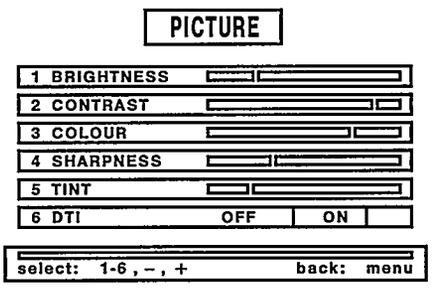
> The MAIN MENU appears.





- Select the digit for PICTURE.

> The submenu appears.



As soon as you select a digit from this menu, the black bar of the setting to be changed will turn yellow.

BRIGHTNESS

- Select the digit for BRIGHTNESS and change the setting by pressing — or +.

CONTRAST

- Select the digit for CONTRAST and change the setting by pressing — or +.

COLOUR

- Select the digit for COLOUR and change the setting by pressing — or +.

SHARPNESS

- Select the digit for (picture) SHARPNESS and change the setting by pressing — or +.

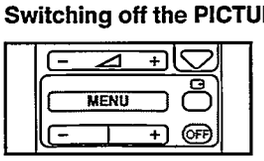
DTI ('Digital Transient Improvement')

- Select the digit for DTI and switch DTI OFF or ON by pressing — or +.
  > The choice is marked by a white frame.

TINT (only for NTSC)

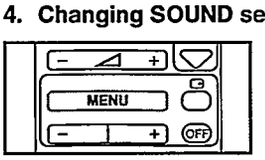
- Select the digit for TINT and change the setting by pressing — or +.

Switching off the PICTURE menu



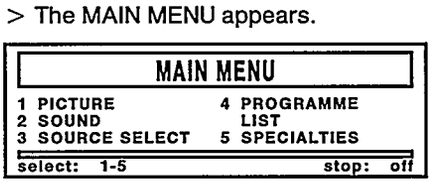
- Press MENU to return to the MAIN MENU or press OFF to switch off the menus.

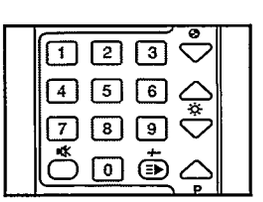
4. Changing SOUND settings via the menus



- Press MENU.

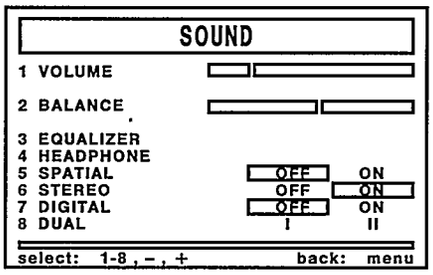
> The MAIN MENU appears.





- Select the digit for SOUND.

> The submenu appears.



As soon as you select a digit from the menu, the setting to be changed turns yellow or the submenu appears.

VOLUME

- Select the digit for VOLUME and change the setting by pressing — or +.

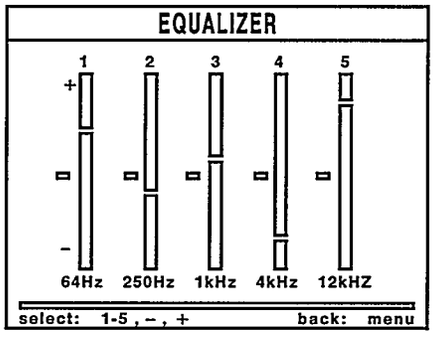
BALANCE

- Select the digit for BALANCE and change the setting by pressing — or +.

EQUALIZER (treble/bass)

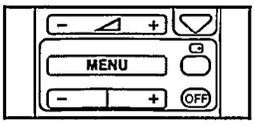
- Select the digit for EQUALIZER.

> The submenu appears.



- Select digit 1, 2, 3, 4 or 5 and change the settings by pressing — or +.

> As soon as a digit has been selected, the choice is shown in red.

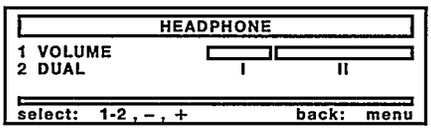


- Press MENU to return to the SOUND menu.

HEADPHONE

- Select the digit for HEADPHONE.

> The submenu appears.



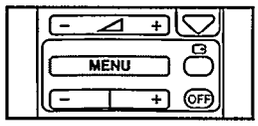
Only when a TV station is transmitting a programme in two languages does the choice DUAL I or II (dubbed or original language) appear in the menu. If the programme is broadcasted in 1 language only, this choice will not be visible.

- Select, if necessary, the digit for VOLUME.
- Change the headphone volume with — or +.

Does the DUAL choice appear at the same time?

- Select, if possible, the digit for DUAL and select language I or II with — or +.

> The choice is marked by a white frame.



- Press MENU to return to the SOUND menu.

SPATIAL sound

- Select the digit for SPATIAL sound and switch spatial sound OFF or ON with — or +.

> The choice is marked by a white frame.

If you want to hear a surround sound effect during a MONO transmission, SPATIAL sound must be switched ON in order to activate the 2 additional loudspeakers (if connected).

STEREO

- Select the digit for STEREO and switch stereo OFF or ON with — or +.

> The choice is marked by a white frame.

To hear the surround sound effect during a STEREO transmission it is sufficient to connect two additional loudspeakers (optional).

DIGITAL (only in the Scandinavian countries)
When this selection appears in the menu you can choose between digital or analog sound.

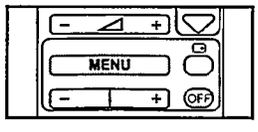
- Select the digit for DIGITAL and switch digital OFF or ON with — or +.

DUAL
This choice will only be visible in the menu if the TV station is transmitting a programme in 2 languages (dubbed or original language).

- Select the digit for DUAL and select language I or II with — or +.

> The choice is marked by a white frame.

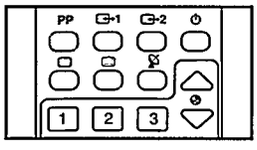
Switching off the SOUND menu



- Press MENU to return to the MAIN MENU or press OFF to switch off the menus.

Recalling the standard picture and sound settings

Irrespective of the TV station you are watching, you can recall the standard settings after changing the settings:

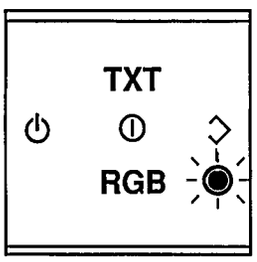


- Press PP (on the remote control).

Storing the personal preference picture and sound settings

(Warning! This cancels the standard settings.)

- Change the picture and sound settings as described in 'Changing the standard picture and sound settings temporarily'.



- Press ◇ (on the TV).

> The language selection menu appears.

```
LANGUAGE SELECTION
1 ENGLISH
2 DEUTSCH
3 FRANCAIS
4 ITALIANO
5 NEDERLANDS
select: 1-5                stop: off
```

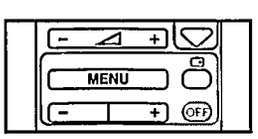
- Select the desired language again.

> The INSTALLATION menu appears.

```
INSTALLATION
1 PROGRAMMES
2 A/V CONNECTIONS
3 TXT PAGE NUMBERS
4 STORE PERSONAL PREFERENCE
select: 1-4   back: menu   stop: off
```

- Select the digit for STORE PERSONAL PREFERENCE.

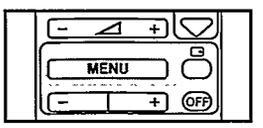
> The changed picture and sound settings are stored in the memory. In confirmation of this fact the text turns yellow briefly.



- Press OFF to switch off the menus.

Displaying the programme list

You can call a list which contains the programme numbers and the names of all TV stations already stored.
(Only the first 30 TV stations stored will become visible in the list.)



- Press MENU.

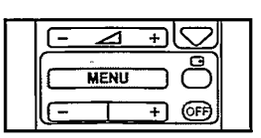
> The MAIN MENU appears.

```
MAIN MENU
1 PICTURE          4 PROGRAMME
2 SOUND              LIST
3 SOURCE SELECT    5 SPECIALTIES
select: 1-5                stop: off
```

- Select the digit for PROGRAMME LIST.

> The programme list appears on the screen.

```
PROGRAMME LIST
NR NAME      NR NAME      NR NAME
 0 VIDEO     12 ....      24 ....
 1 BBC 1     13 ....      25 ....
 2 BBC 2     14 ....      26 ....
 3 ....      15 ....      27 ....
 4 ....      16 ....      28 ....
 5 ....      17 ....      29 ....
 6 ....      18 ....      30 ....
 7 ....      19 ....
 8 ....      20 ....
 9 ....      21 ....      EXT1 ....
10 ....      22 ....      EXT2 ....
11 ....      23 ....      EXT3 SVHS
select: 0-9 , - , +          back: menu
```



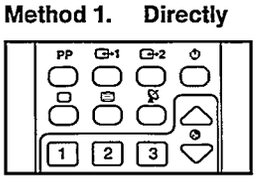
- Press MENU to return to the MAIN MENU or press OFF to switch off the menus.

Switching off picture and sound temporarily (Standby)

You can leave the TV on standby for an unlimited time and switch it on and off with the remote control.
(Read also 'PARENTAL MODE' at the end of this chapter, if you want to lock the TV against unauthorized use after switching over to standby.)

The TV can be put on standby in 2 ways:

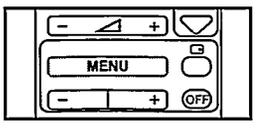
Method 1. Directly



- Press ⏻.

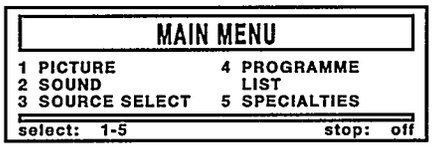
> The red LED ⏻ lights up.

Method 2. With a sleeptimer
With this method you can determine yourself after how much time the TV should switch over to standby (no more than 9 hours and 59 minutes in advance).



- Press MENU.

> The MAIN MENU appears.

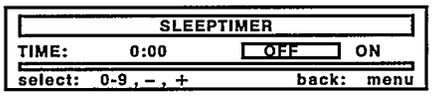


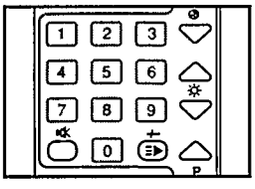
- Select the digit for SPECIALTIES.

> The submenu appears.

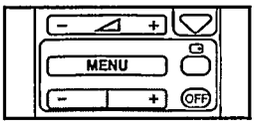
- Select the digit for SLEEPTIMER.

> The submenu appears.



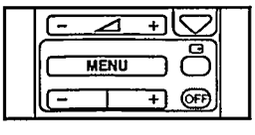


- Use the digit buttons to select the time (in hours and minutes) after which the TV should switch over to standby. (Always enter 3 digits, e.g. 1:22 or 0:44.)



- Press — or + to switch the sleeptimer OFF or ON.

> The choice is marked by a white frame.

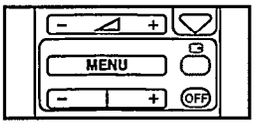


- Press OFF to switch off the menus.

> During the last minute before the TV switches over to standby, a red bar gradually shortening appears at the top of the screen.

> When the red bar has disappeared, the TV switches over to standby and the red LED ⏻ lights up.

Checking the sleeptimer



- Press ⊡ to check how much longer the TV will be on.

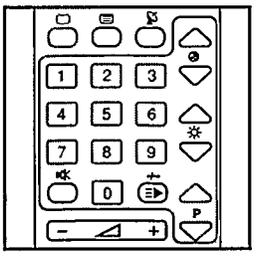
> The sleeptimer appears on the screen.

Switching off the sleeptimer

The sleeptimer can be switched off at any moment.

- Select the menu for SLEEPTIMER again as described above.
- Switch the sleeptimer OFF with —.

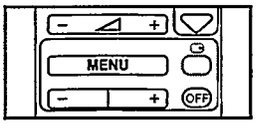
Switching the TV on again from standby mode



- Press a digit button or ⊡ or P △ or ▽ (on the remote control).

Displaying programme number or sleeptimer (OSD = On Screen Display)

The programme number and, if stored, the name of the TV station you are watching, or the sleeptimer can be checked at any time.



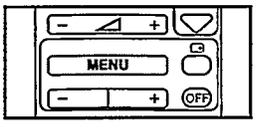
- Press ⊡.

> The programme number, the name and possibly the sleeptimer appear on the screen.

- Press ⊡ again to switch the information off again.

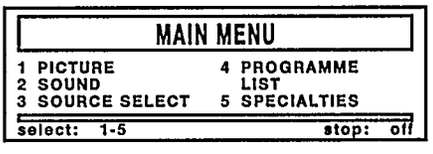
Switching the continuous OSD on/off

You can make programme numbers continuously visible on the screen.



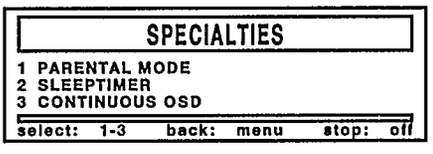
- Press MENU.

> The MAIN MENU appears.



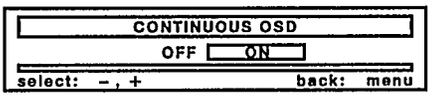
- Select the digit for SPECIALTIES.

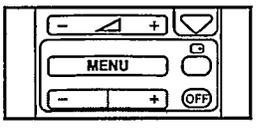
> The submenu appears.



- Select the digit for CONTINUOUS OSD.

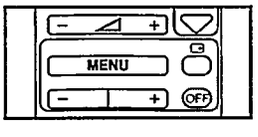
> The submenu appears.





- Press — or + to switch the continuous OSD OFF or ON.

> The choice is marked by a white frame.

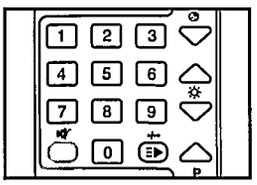


- Press OFF to switch off the menus.

> You now see the TV programme again and after a few seconds the programme number will appear (in green) in the top right-hand corner of the screen.

The programme numbers remain on the screen until the continuous OSD is switched OFF again.

Muting the sound

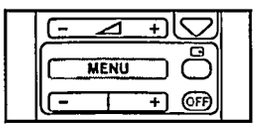


- Press 🔇.
> The sound is muted.

Switching the sound on again
- Press 🔇 again.

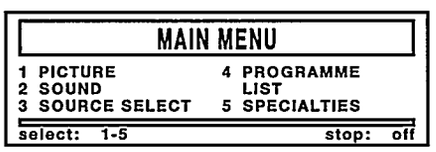
Parental mode (locking the TV)

When the parental mode is on, the TV can only be switched on again with the remote control.

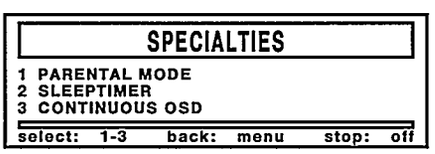


- Press MENU.

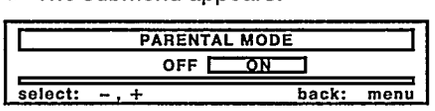
> The MAIN MENU appears.

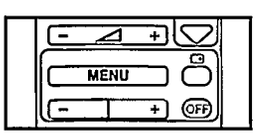


- Select the digit for SPECIALTIES.
> The submenu appears.

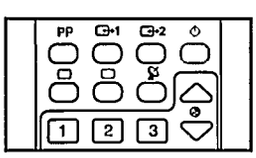


- Select the digit for PARENTAL MODE.
> The submenu appears.





- Press + to switch the parental mode ON.
> The choice is marked by a white frame.



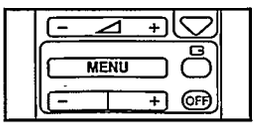
- Press ⏻ if you want to put the TV **directly** on standby, or use the sleeptimer to set the time after which the TV should switch over to standby (see method 2. as described in 'Switching off picture and sound temporarily').

Switching off the parental mode

- Press a digit button or ▢ or P ▽ or △ (on the remote control).

- Press MENU.
> The MAIN MENU appears.

- Select the digit for SPECIALTIES and then the digit for PARENTAL MODE.

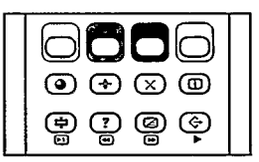


- Press — to switch the parental mode OFF.
> The choice is marked by a white frame.

- Press OFF to switch off the menus.

Displaying the time

The time can only be displayed if the TV station you are watching also transmits Teletext.
(Teletext does not have to be switched on.)



- Press ◕.
> The time appears on the screen.

- Press ◕ again to switch off the time.

TELETEXT

4

General information

Depending on the TV stations you can receive in your country, it is possible to receive 3 'fast' Teletext systems (WST, FLOF or TOP) with this TV.

These systems allow you to select Teletext pages by means of the four coloured **'fast selection'** buttons on the remote control. Each Teletext system indicates which of the 'fast selection' buttons can be used.

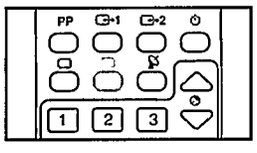
In **all** three systems you can also continue to use the digit buttons (to select page numbers) and the special Teletext buttons (see 'Special Teletext functions').

1. WST Teletext system (WST = World System Teletext)
(This system is always used when there are no FLOF or TOP Teletext programmes.)
Read 'Using WST Teletext'.

2. FLOF Teletext system (FLOF = Full Level One Features)
(At present used by all British stations (also known as 'fastext'), English-language satellite stations and Spanish stations. Italy is to begin using it in the near future. Other countries are also expected to adopt this system.)
Read 'Using FLOF Teletext'.

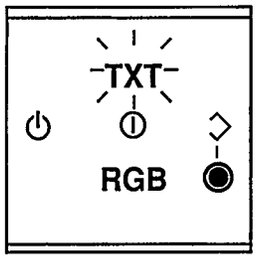
3. TOP Teletext system (TOP = Table Of Pages)
(At present used only in Germany.)
Read 'Using TOP Teletext'.

Switching on Teletext



- Select the programme number of a TV station with Teletext programmes.
- Press ▤.

> The table of contents (index page) appears on the screen.



> The green LED TXT (on the TV) lights up.
> The following information appears at the top of the screen:
- the number of the page shown on the screen
- the name of the Teletext transmitter
- a page counter
- the day, date and time.

> At the bottom of the screen an information line appears by which the Teletext system can be recognised.

Recognising the Teletext systems

WST information line:

(red)			(blue)

FLOF information line (in the language of the TV station):

subject (red)	subject (green)	subject (yellow)	subject (blue)

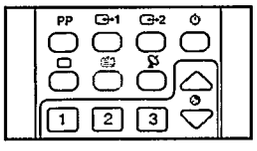
TOP information line (in the language of the TV station):

— — — (red)	heading (green)	subject (yellow)	+ + + (blue)

The data contained in the information line at the bottom of the screen refer to whether the **RED, GREEN, YELLOW** or **BLUE** 'fast selection' button on the remote control is used.

If you want to display always the same pages for a certain TV station, you can store these personal preference pages in the memory index of the TV.
Read 'Storing personal preference pages' at the end of this Section.

Switching off Teletext

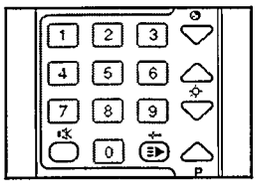


- Press ▤ again.

Using WST Teletext

(Teletext must be switched on.)

Selecting page numbers



- Select the required page number by pressing the digit buttons (always 3 digits, e.g. 650).

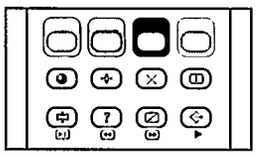
> As soon as the first digit has been selected, for example the indication P6?? appears in the top left-hand corner of the screen. One or more ? indicate that the selection is not yet complete.
> After the number has been selected, the page counter starts running until the page has been found and is shown on the screen.

Does the counter go on searching?

- Select another page number.

You can also use the 'fast selection' buttons to display the following or preceding pages.

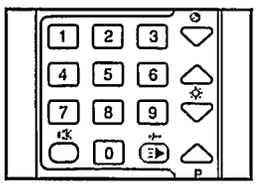
Selecting pages using the 'fast selection' buttons



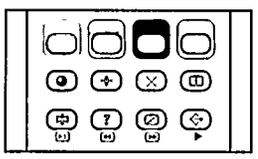
Selecting the next page number
- Press the BLUE button.

> The next page appears (e.g. page 501 is followed by page 502).

or



- Press ⊟▶ to display the following page.



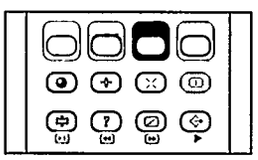
Selecting the previous page number
- Press the RED button.

> The previous page appears (e.g. page 411 is followed by page 410).

Recalling the index

- Select the page number of the index (usually page 100).

or



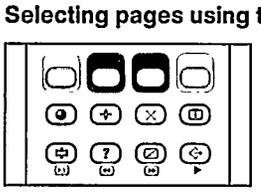
- Press ⓘ to recall the index directly.

Also read 'Special Teletext functions' and 'Storing personal preference pages'.

Using FLOF Teletext

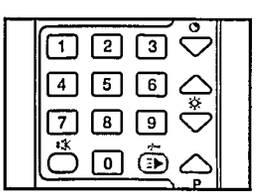
(Teletext must be switched on.)

Selecting pages using the 'fast selection' buttons



- Press the RED, GREEN, YELLOW or BLUE button in order to select the subject in the corresponding colour (e.g. Weather Chart, Tennis, TV index, etc.) from the information line.

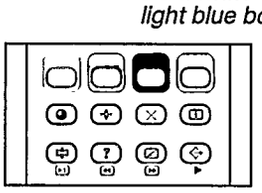
> The page on the subject in question appears and a new information line appears at the bottom of the screen.



Selecting the next page number
- Press ⊟▶.

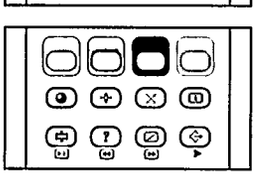
> The next page appears immediately (e.g. page 121 appears after page 120).

Do a white — in a red box and a dark blue + in a light blue box appear in the information line?



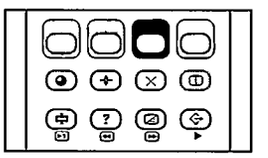
- Press the RED button to display the previous page number.

or



- Press the BLUE button to display the following page number.

Recalling the index



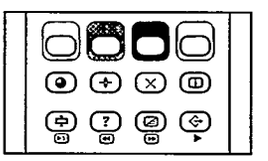
- Press ⓘ once or more until the index reappears.

Also read 'Special Teletext functions' and 'Storing personal preference pages'.

Using TOP Teletext

(Teletext must be switched on.)

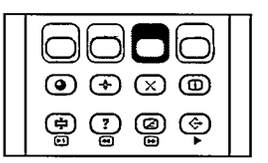
Selecting pages using the 'fast selection' buttons
The pages transmitted are divided into large groups (headings) by the TV station.
In turn, the headings are divided into small groups (subjects).



Selecting a heading
- Press the GREEN button until the required heading appears on the screen.

> The next heading appears in green in the information line.

> After the last heading has been selected the first heading reappears in the information line.

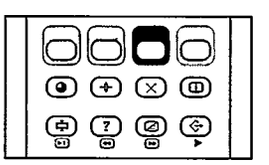


Selecting a subject
- Press the YELLOW button until the required subject appears.

> The next subject appears in yellow in the information line.

> After the last subject has been selected the first subject reappears in the information line.

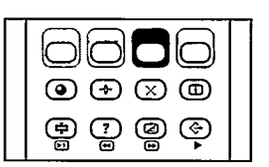
If there is only one subject, the information line does not indicate a next subject.



Displaying the next page on this subject
- Press the BLUE button.

> The following page on this subject appears (e.g. page 565 may appear after page 560).

> After the last page has been selected the first page on this subject reappears in the information line.



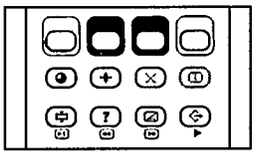
Displaying the previous page on this subject
- Press the RED button.

> The previous page on this subject appears (e.g. page 400 may appear after page 410).

> After the first page has been selected the last page on this subject reappears in the information line.

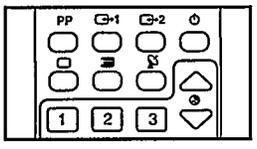
If there is only one page on the subject, no red or blue data is given in the information line.

Recalling the index



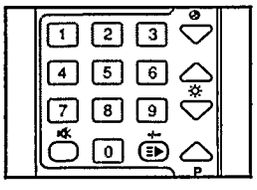
- Press ⓘ.

or



- Press ▤.

Selecting pages using the digit buttons



- Select the required page number by pressing the digit buttons (always 3 digits, e.g. 650).
  > As soon as the first digit has been selected, for example the indication P6?? appears in the top left-hand corner of the screen. One or more ? indicate that the selection is not yet complete.
  > After the number has been selected, the page counter starts running until the page has been found and is shown on the screen.

If the page number selected appears in the top left-hand corner in red, this means that the page selected is not being transmitted.

- Select another page number.

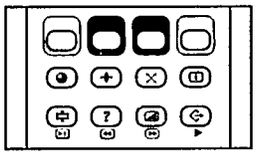
Also read 'Special Teletext functions' and 'Storing personal preference pages'.

Special Teletext functions

(Teletext must be switched on.)

These special functions can be used in all 3 Teletext systems.

Teletext and TV programme simultaneously

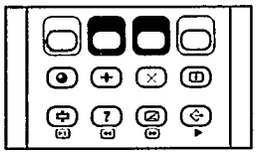


- Press ◪.
  > The Teletext page appears over the TV programme.

Back to Teletext alone

- Press ◪ again.

Switching off Teletext temporarily

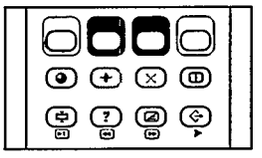


- Press X.
  > You now see the TV programme again.
  > The green LED TXT (on the TV) remains on.

Switching Teletext on again

- Press X again.

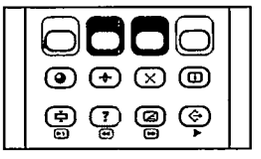
Selecting double letter height



- Press ⇳.
  > The text height in the top half of the page has doubled.
- Press ⇳ again.
  > The text height in the bottom half of the page has doubled.
- Press ⇳ again.
  > The page is displayed with normal letter height again.

Displaying concealed information

Some pages contain concealed information, e.g. the solution to a riddle or a puzzle.



- Press ?.
  > The concealed information appears.

Switching off the concealed information

- Press ? again.

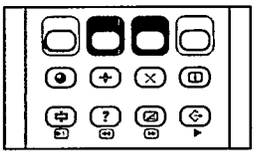
Displaying Teletext subtitles

Refer to your programme guide to check whether subtitles are being transmitted.

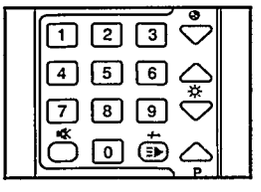
- Use the digit buttons to select the page mentioned in the guide.
  > TV programme and subtitles appear.

Holding rotating pages

The selected page may have been divided into subpages. These subpages are rotated automatically (e.g. subpage 3/14 is automatically followed by 4/14, etc.).

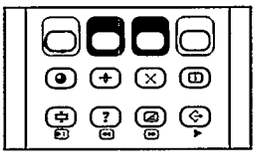


- Press ⇳.
  > The subpage stays on the screen.
  > HALT appears in the top right-hand corner.



Displaying the next subpage

- Press ⁝▶.
  > The next subpage appears.



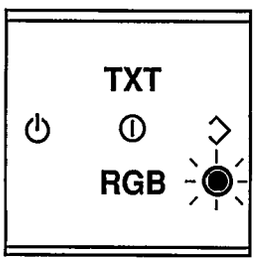
Cancelling page hold

- Press ⇳ again.
  > The subpages start to rotate again.

Storing personal preference pages

Irrespective of the TV station you are watching at the moment, you can store up to 20 frequently used Teletext pages (personal preference pages) and their corresponding programme numbers in a memory index.
After storing these pages, you can quickly display the page(s) stored after selecting the corresponding programme number.

Compiling the memory index
(Teletext does not have to be switched on.)



- Press ◇ (on the TV).

> The language selection menu appears.

LANGUAGE SELECTION	
1 ENGLISH	
2 DEUTSCH	
3 FRANCAIS	
4 ITALIANO	
5 NEDERLANDS	
select: 1-5	stop: off

- Select the desired language.

> The INSTALLATION menu appears.

INSTALLATION		
1 PROGRAMMES		
2 A/V CONNECTIONS		
3 TXT PAGE NUMBERS		
4 STORE PERSONAL PREFERENCE		
select: 1-4	back: menu	stop: off

- Select the digit for TXT PAGE NUMBERS.

> The submenu appears.

TXT PAGE NUMBERS		
1 SELECT		
2 STORE		
select: 1-2	back: menu	stop: off

- Press 1 for SELECT.

> The index appears.
> The first line is indicated by a red bar.

Filling an empty index
(Recognisable by .. ... on every line.)

PROGRAMME	PAGE
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
select: 0-9 , – , +	back: menu

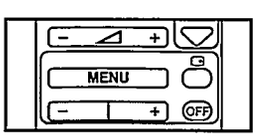
- Select the desired programme number (always 2 digits, e.g. 01 or 12) and then the page number (always 3 digits, e.g. 450).

Repeat this operation to enter the following programme and page numbers.

Now follow the procedure described in 'Storing data in the memory'.

Adding/inserting lines in the index
(If the index is **not full** yet.)

PROGRAMME	PAGE
01	101
01	107
01	116
01	134
03	204
03	214
03	226
03	236
04	242
04	256
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
..	...
select: 0-9 , – , +	back: menu



- Use — or + to select an empty line or the position where you want to insert a line.

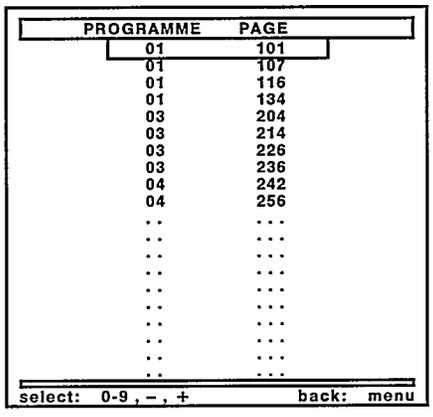
> The red bar indicates the line selected.

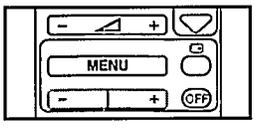
- Enter the programme and page number.

> The data under the line chosen move 1 position downwards.

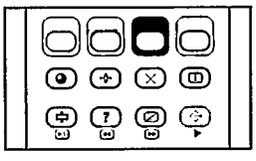
Now follow the procedure described in 'Storing data in the memory'.

Changing/erasing lines in the index
(If the index is **full**.)





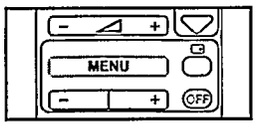
- Use — or + to select the line which contains the data you want to change or erase.
  > The red bar indicates the line selected.



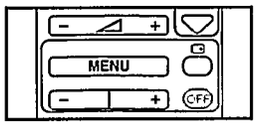
- Press ⇳.
  > The data on the line are now erased.
- Enter the new data.

Now follow the procedure described in 'Storing data in the memory'.

Storing data in the memory



- Press MENU after entering the data.
  > The menu for TXT PAGE NUMBERS appears again.
- Press 2 for STORE.
  > The index appears in red for a few seconds and the data are stored in the memory.



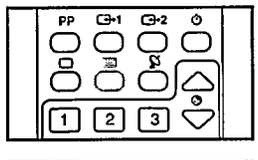
- Press OFF to switch off the menus.

Displaying personal preference pages

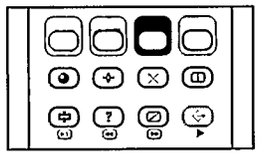
Personal preference pages can be recalled from the memory index in two ways:

1. Displaying pages consecutively
(Teletext should be switched off first.)

- Select one of the programme numbers for which page numbers have been stored.

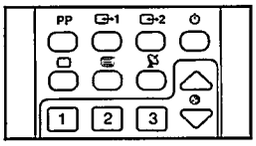


- Press ▤ to switch Teletext on again.

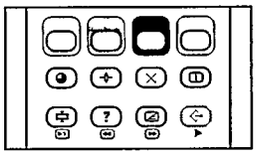


- Press ⇳ to display the first page number stored for this programme number.
- Press ⇳ to select the following page numbers for this programme number.

Displaying teletext pages of the other programme numbers



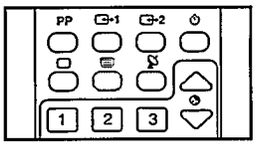
- Press ▤ to switch off Teletext.
- Select the next programme number for which page numbers have been stored.
- Press ▤ again to switch Teletext on again.



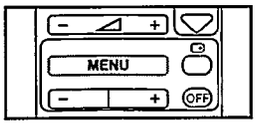
- Press ⇳ to display the page numbers for this programme number.

2. Displaying pages using the 'fast selection' buttons
(Teletext should first be switched off.)

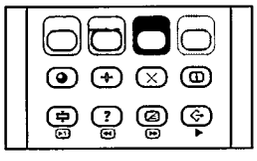
- Select one of the programme numbers for which page numbers have been stored.



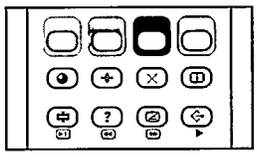
- Press ▤ to switch Teletext on again.



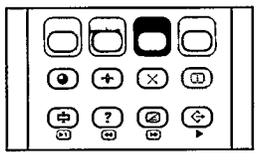
- Press MENU to display the first page for this programme number.
  > The following data appears in the information line:
  - the previous page which can be displayed, in RED ('- xxx').
  - the page shown on the screen, in white ('<--yyy-->').
  - the following page which can be displayed, in BLUE ('zzz +').



Displaying the following page
- Press the BLUE button.
  > If the last page from the memory index is shown on the screen the first page from the index may appear after the BLUE button has been pressed.



Displaying the previous page
- Press the RED button.
  > If the first page from the memory index is shown on the screen the last page from the index may appear after the RED button has been pressed.



Recalling the first page
- Press ⓘ.

If one of the personal preference pages is composed of subpages these subpages do not rotate automatically.

Connecting a video recorder (or peripherals)

The equipment can be connected in the following ways:

Method a. Via aerial input ⊓.
(To connect equipment using an aerial cable, e.g. a video recorder.)

Method b. Via Euroconnector EXTERNAL 1 ⊡ (= EXT1)
(To connect equipment using a Eurocable, e.g. a Camcorder, CDV player or computer.)

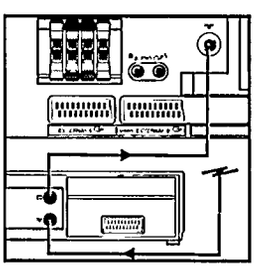
Method c. Via Euroconnector VIDEO EXTERNAL 2 ⊡
(= EXT2)
(To connect a video recorder using a Eurocable.)

Method d. Via S.VHS AUDIO/VIDEO IN/OUT on the rear of the TV (= EXT2)
(To connect a Super-VHS video recorder - **for recording and playback.**)

Method e. Via S.VHS/R AND L AUDIO INPUT at the front of the TV (= EXT3)
(To connect a Super-VHS video recorder - **only for playback.**)

Method a. Via aerial input ⊓
A video recorder or other equipment with an aerial cable can be connected to this input.

- Switch the TV off.
- Pull the aerial plug out of the TV.

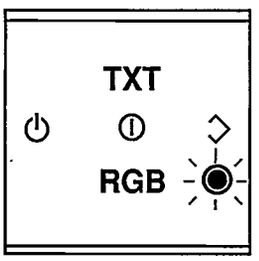


- Insert this plug in aerial input ⊓ of the equipment to be connected.
- Take the connecting cable supplied with the equipment.
- Put one plug in aerial output ⓣⓥ of the equipment to be connected and the other one in aerial input ⊓ of the TV.

If the equipment has only been connected via aerial input ⊓, you should now store the test signal under a programme number, as described below.

Storing the test signal of the equipment connected
(This is necessary if the equipment has **only** been connected via aerial input ⊓.)

Read the operating instructions of the equipment to find out how to select and recognise this test signal.



- Press ◇ (on the TV).

> The language selection menu appears.

LANGUAGE SELECTION	
1 ENGLISH	
2 DEUTSCH	
3 FRANCAIS	
4 ITALIANO	
5 NEDERLANDS	
select: 1-5	stop: off

- Select the desired language again.

> The INSTALLATION menu appears.

INSTALLATION		
1 PROGRAMMES		
2 A/V CONNECTIONS		
3 TXT PAGE NUMBERS		
4 STORE PERSONAL PREFERENCE		
select: 1-4	back: menu	stop: off

- Select the digit for PROGRAMMES.

> The submenu appears.

PROGRAMMES		
1 AUTOMATIC		
2 FREQUENCY		
3 MANUAL		
select: 1-3	back: menu	stop: off

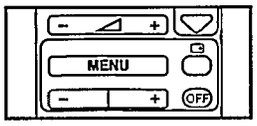
Now follow steps ① to ⑥.

① Select the digit for AUTOMATIC to start searching.

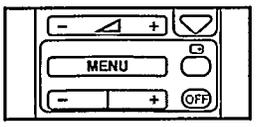
SEARCH	
FREQUENCY:	511 MHz

> As soon as the TV stops searching, the STATION FOUND menu appears.

STATION FOUND		
STORE ?	NO	YES
select: –, +		stop: off

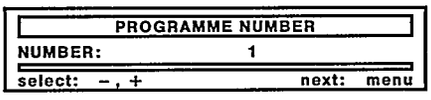


ⓐ Select NO using — if the test signal has not been found or if reception is poor.
> The TV goes on searching automatically.



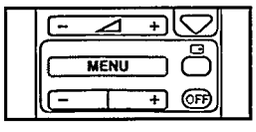
ⓑ Select YES using + when the test signal has been found.

> The PROGRAMME NUMBER menu appears.



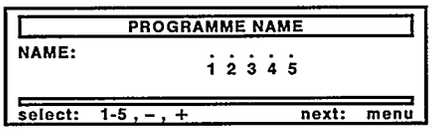
③ Use — or + to select the programme number (0 or 50 to 59) under which you want to store the test signal.

Has the right number been selected?

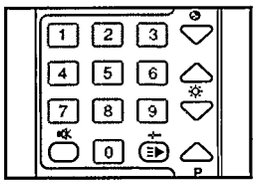


④ Press MENU.

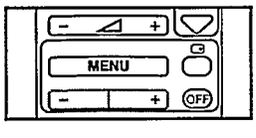
> The PROGRAMME NAME menu appears.



You can name the test signal (e.g. VIDEO) (5 characters max.). However, this only applies to the programme number 0.
If you have selected one of the programme numbers between 50 and 59, PR 0...30 **flashes in the menu. In that case proceed with step ⑥.**

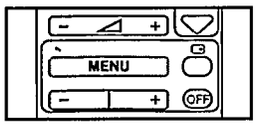


⑤ Press 1 to select the first character.
> An arrow indicates the 1st position.

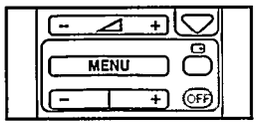


- Use — or + to select the desired character or a space (the space is after the Z or before the 0).
- Press 2, 3, 4 and 5 and use — or + again for the 2nd, 3rd, 4th and 5th characters.

Has the correct name been selected?



⑥ Press MENU after entering the 5th character.
> The test signal has been stored in the memory and the TV continues searching.



- Press OFF as many times as necessary to stop searching and to switch off the menus.

Read below how to play back the pictures from the connected equipment.

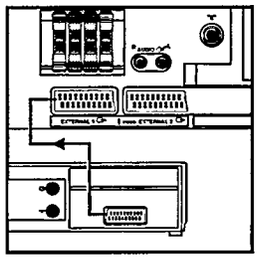
Playing back the pictures from the connected equipment

- Switch on the TV.
- Switch on the video recorder or the connected equipment.
- Select the programme number (0 or 50 to 59) under which the test signal was stored.
  > When the connected equipment is switched on, the pictures appear.

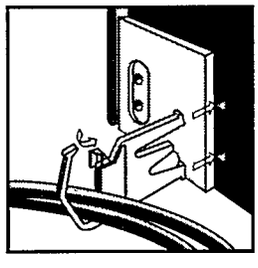
Back to the TV programme

- Select another programme number.

Method b. Via the Euroconnector EXTERNAL 1 ⇨
A Camcorder, CDV player, Computer or other equipment with a Eurocable* can be connected to this Euroconnector.
* Ask your dealer for the correct Eurocable.



- Connect the Eurocable to EXTERNAL 1 ⇨ on the rear panel of the TV and to the Euroconnector input of the equipment to be connected.



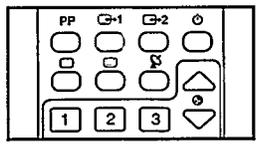
- You can fix the hook supplied with the TV on the back of the TV to support the Eurocable.

Read below how to display the pictures from the connected equipment.

Displaying the pictures from the connected equipment
It is possible that the pictures appear automatically after switching on the connected equipment.

- Switch on the connected equipment.
  > The pictures appear.

The pictures do not appear automatically?

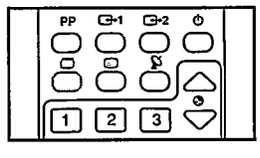


- Press ⇨1.
  > The pictures appear.

Are there still no pictures?

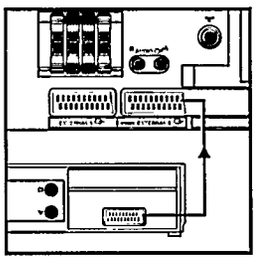
- Read 'Using the SOURCE SELECT menu' at the end of this chapter to find out how to select the EXT1 RGB mode.

Back to the TV programme
(Switching off the automatic changeover)

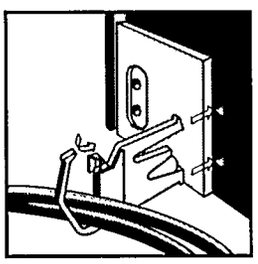


- Press □.

Method c. Via the Euroconnector VIDEO EXTERNAL 2 ⊡→
A video recorder with a Eurocable* can be connected to this Euroconnector.
* Ask your dealer for the correct Eurocable.



- Connect the Eurocable to VIDEO EXTERNAL 2 ⊡→ on the rear panel of the TV and to the Euroconnector input of the video recorder.

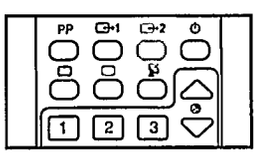


- You can fix the hook supplied with the TV on the back of the TV to support the Eurocable.

Read below how to play video cassettes.

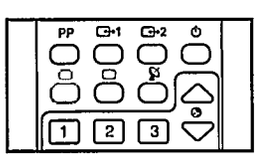
Playing video cassettes

- Press Play ▶ on the video recorder.



- Press ⊡→2.
> The recorded pictures are played back.

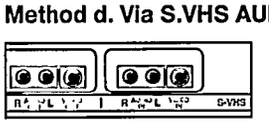
Back to the TV programme



- Press ▭.

Recording video pictures via VIDEO EXTERNAL 2 ⊡→
This procedure is described in 'Using the SOURCE SELECT menu - '2. Recording pictures from connected equipment'.

Method d. Via S.VHS AUDIO/VIDEO IN/OUT at the rear of the TV



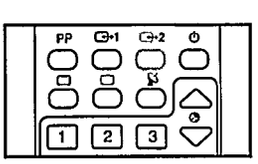
- Connect the Super-VHS cables supplied with the video recorder to S.VHS VIDEO IN and OUT.

- Connect the supplied audio cables to AUDIO IN and OUT.

Read below how to play video cassettes.

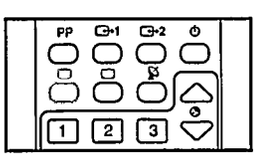
Playing video cassettes

- Press Play ▶ on the video recorder.



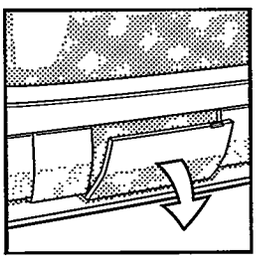
- Press ⊡→2.
> The recorded pictures are played back.

Back to the TV programme

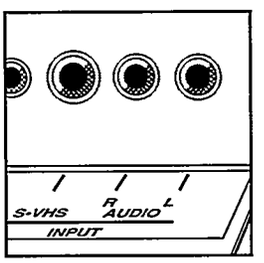


- Press ▭.

Method e. Via the inputs S.VHS/R AND L AUDIO INPUT
A Super-VHS video recorder can be connected to these inputs by means of a S-VHS cable and audio cables.



- Press ▼ to open the cover on the front left of the TV.



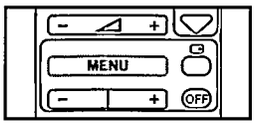
- Connect the Super-VHS cable supplied with the video recorder to the input S.VHS INPUT.

- Connect the audio cables to the inputs R AND L AUDIO INPUT.

Read in 'Using the SOURCE SELECT menu' – '1. Displaying pictures from connected equipment' how to play video cassettes.

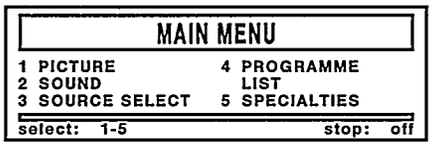
Using the SOURCE SELECT menu

1. Displaying pictures from connected equipment
To display pictures from connected equipment, you can also use the menus instead of the buttons on the remote control.



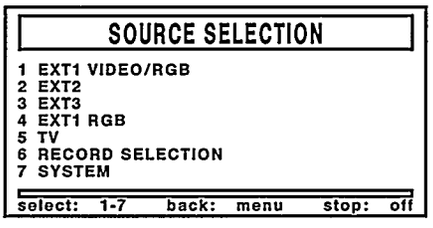
- Press MENU.

> The MAIN MENU appears.



- Select the digit for SOURCE SELECT.

> The submenu appears.



For equipment connected to EXTERNAL 1 ⊡→

- Select the digit for EXT1 VIDEO/RGB (= button ⊡→1 on the remote control) or select the digit for EXT1 RGB.

> As soon as the digit has been selected, the colour will turn yellow, and the pictures appear.

For the video recorder connected to VIDEO EXTERNAL 2 ⊡→ or S.VHS AUDIO/VIDEO IN/OUT

- Select the digit for EXT2 (= button ⊡→2 on the remote control).

> As soon as the digit has been selected, the colour will turn yellow, and the pictures appear.

For the video recorder connected to S.VHS/R and L AUDIO INPUT at the front of the TV

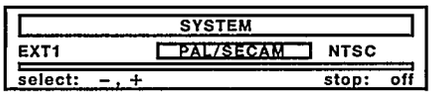
- Select the digit for EXT3.

> As soon the digit has been selected, the colour will turn yellow, and the pictures appear.

After EXT1, EXT2 or EXT3 has been selected, the SYSTEM choice appears in the menu.
If required, you can now select the TV system of the connected equipment.

- Select the digit for SYSTEM.

> The submenu appears.



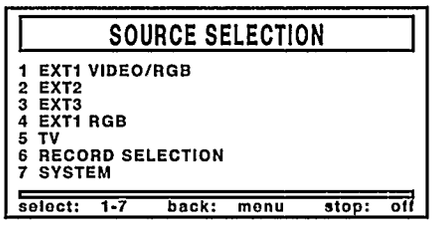
- Select PAL/SECAM or NTSC by pressing — or +.

- Press MENU to return to the SOURCE SELECT menu.

Back to TV programme
- Select the digit for TV.

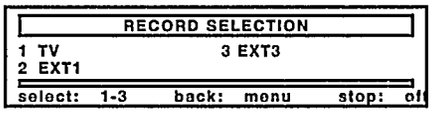
> As soon as the digit has been selected, the colour will turn yellow.

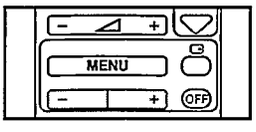
2. Recording pictures from connected equipment
Via a Eurocable*, a video recorder connected to VIDEO EXTERNAL 2 ⊡→ can record pictures from equipment (e.g. Camcorder or CD Video player) connected to EXTERNAL 1 ⊡→ (= EXT1) or from a Super-VHS video recorder connected to S.VHS/R and L AUDIO INPUT (= EXT3), or record pictures received by the TV through the aerial (= TV).
*Consult your dealer about the correct Eurocable.



- From the SOURCE SELECT menu, select the digit for RECORD SELECTION.

> The submenu appears.

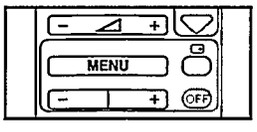




- Select the digit for TV, EXT1 or EXT3.

> The TV will remember the selection made, even after the TV has been switched off and on again.

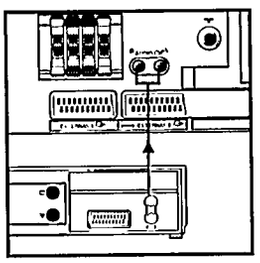
Attention!
*During a recording via the SOURCE SELECT menu the TV **must not** be switched off using button ⏻ (on the TV).*



- Press OFF to switch off the menus.

Connecting the TV to your audio equipment

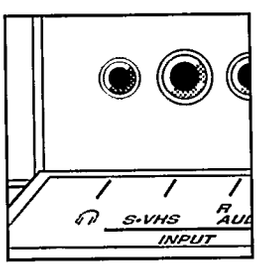
Your audio equipment can be connected to the R AUDIO ⊖→◿ L outputs by means of audio cables. The sound of the TV can now be reproduced through your audio equipment and can be controlled with the remote control of your TV.
(To improve the sound effect, it is advisable to detach the loudspeakers from the TV.)



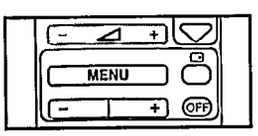
- Connect one end of the audio cables to the R AUDIO ⊖→◿ L outputs.
- Connect the other end of the audio cables to the auxiliary input (AUX) of your audio equipment.

Connecting the headphones

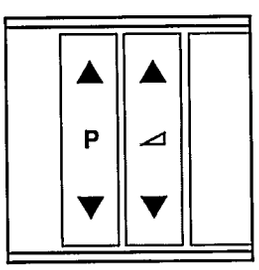
(32 to 2000 ohms, 3.5 mm jack-plug.)



- Put the plug into ∩ (on the front of the TV).
  > The loudspeakers of the TV remain switched on.



- Press —◿ (on the remote control) or press ◿ ▼ (on the TV) to turn down the sound of the loudspeakers.

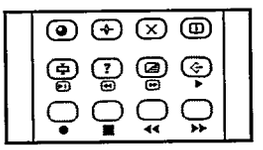


- Adjust the headphone volume as described in chapter 3 'Changing the standard picture and sound settings temporarily - HEADPHONE'.

Operating the video recorder by means of the remote control

(Only for video recorders from our range.)

- Keep the button on the side of the remote control pressed and press one of the following VCR buttons at the same time:

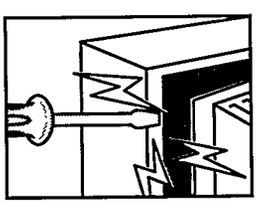


- ⏯ For picture-by-picture playback
- ⏪ for picture search reverse
- ⏩ for picture search forward
- ▶ for playback
- ● for recording
- ■ for stopping
- ◀◀ for rewinding
- ▶▶ for winding.

Cleaning the TV screen

- For cleaning, use a damp shammy leather.
- **Never** use an abrasive.

Remedying faults

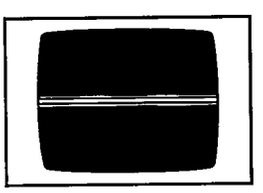


- **Never** try to repair a faulty TV yourself. Consult qualified service personnel.

You may check the following:
– has the aerial been connected correctly?
– have the loudspeakers been connected correctly?
– have the correct buttons been pressed or has the correct menu been selected?
– has the transmission of the TV station ended?
– has the correct position, EXT1, EXT2 or EXT3, been selected for the connected equipment?
– have you switched back to TV programmes?
– has the sound temporarily been muted with 🔇?
In some cases it may help if you switch the TV off and back on again.
– If a LED flashes although no button on the TV or the remote control is being pressed you can switch the TV off and on again.
If this does not help consult qualified service personnel.

Fault indications

Switch off the TV and consult qualified service personnel when the following indications appear:



– ERROR and a digit.
– A horizontal bright white stripe right across the screen.

GB	**IDENTITY CARD**	This card together with the terms of guarantee (to be provided by your dealer), forms the full certificate of guarantee for this appliance
D	**GERÄTE-KENNKARTE**	Diese Karte ist zusammen mit den Garantiebestimmungen, die Ihr Handler Ihnen aushandigt, Ihr Garantieschein fur dieses Gerät
F	**CARTE D'INDENTIFI-CATION**	Associée aux conditions de garantie (qui vous sont remises par le revendeur), cette carte constitue le certificat de garantie de cet appareil
NL	**INDENTIFI-CATIEKAART**	Deze kaart vormt, samen met de garantievoorwaarden (welke door uw dealer verstrekt worden), het garantiebewijs voor dit apparaat
I	**CARTE D'IDENTIFI-CAZIONE**	Questa cartolina rappresenta insieme alle condizioni di garanzia (da consegnare dal vostro rivenditore) il documento di garanzia per questo apparecchio
E	**TARJETA DE INDENTIFICACIÓN**	La garantia de este aparato se compone de esta tarjeta y de las condiciones de garantía que le entregará su concesionario
P	**CARTÃO DE INDENTIFICAÇÃO**	Este cartão, em conjunto com as condições de garantia em vigor (explicadas pelo seu vendedor) constituem o certificado de garantia do seu aparelho
DK	**I.D. KORT**	Dette kort, udfyldt af Deres forhandler, er tilstrækkelig garantidokumentation for dette apparat
N	**IDENTIFIKA-SJOSKORT**	Dette kort, sammen med garantibetingelsene (som De får av forhandleren) utgjør garantibeviset for dette apparat
S	**IDENTIFIERINGS-KORT**	Detta kort tillsammans med garantivillkoren, som Du får av radiohandlaren, utgor ett fullstandigt garantibevis for denna produkt
SF	**TUNNISTUS-KORTTI**	Taman laitteen takuutodistus muodostuu tasta kortista ja takuuehdoista (jalleenmyyja antaa mukaan)
GR	**ΔΕΛΤΙΟ ΤΑΥΤΟΤΗΤΑΣ**	Η καρτέλλα αυτη μαζι με τους όρους εγγυησεως (που θα προμηθευθειτε από το καταστημα που αγοράσατε την συσκευη) αποτελουν το πλήρες πιστοποιητικό εγγυησεως της συσκευης σας

PHILIPS

PHILIPS
28DC2075/20R
AG319004 831061
220–240V~ 110W 50Hz
VHF+S+H+UHF
PZ1
MADE IN BELGIUM

Printed in the Netherlands

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